

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|-------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.C1G | 01/01/06 | 00:00 | 01/31/06 | 23:59 | FHWA |
| W269029.C1G | 01/01/06 | 00:00 | 01/31/06 | 23:59 | FHWA |
| C260200.C1G | 01/01/06 | 00:00 | 01/31/06 | 23:59 | FHWA |
| W260200.C1G | 01/01/06 | 00:00 | 01/31/06 | 23:59 | FHWA |
| C260100.C1G | 01/01/06 | 00:00 | 01/31/06 | 23:59 | FHWA |
| W260100.C1G | 01/01/06 | 00:00 | 01/31/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 02-01-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|---------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.D1G ✓ | 02/01/06 | 00:00 | 02/28/06 | 23:59 | FHWA |
| W269029.D1G ✓ | 02/01/06 | 00:00 | 02/28/06 | 23:59 | FHWA |
| C260200.D1G ✓ | 02/01/06 | 00:00 | 02/28/06 | 23:59 | FHWA |
| W260200.D1G ✓ | 02/01/06 | 00:00 | 02/28/06 | 23:59 | FHWA |
| C260100.D1G ✓ | 02/01/06 | 00:00 | 02/28/06 | 23:59 | FHWA |
| W260100.D1G ✓ | 02/01/06 | 00:00 | 02/28/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716
DATE PREPARED 03-02-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|---------------|------------------------|---------------------|----------------------|-------------------|------------------|
| ✓ C269029.E1G | 03/01/06 | 00:00 | 03/31/06 | 23:59 | FHWA |
| ✓ W269029.E1G | 03/01/06 | 00:00 | 03/31/06 | 23:59 | FHWA |
| ✓ C260200.E1G | 03/01/06 | 00:00 | 03/31/06 | 23:59 | FHWA |
| ✓ W260200.E1G | 03/01/06 | 00:00 | 03/31/06 | 23:59 | FHWA |
| ✓ C260100.E1G | 03/01/06 | 00:00 | 03/31/06 | 23:59 | FHWA |
| ✓ W260100.E1G | 03/01/06 | 00:00 | 03/31/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 04-03-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|---------------|------------------------|---------------------|----------------------|-------------------|------------------|
| ✓ C269029.F1G | 04/01/06 | 00:00 | 04/30/06 | 23:59 | FHWA |
| ✓ W269029.F1G | 04/01/06 | 00:00 | 04/30/06 | 23:59 | FHWA |
| ✓ C260200.F1G | 04/01/06 | 00:00 | 04/30/06 | 23:59 | FHWA |
| ✓ W260200.F1G | 04/01/06 | 00:00 | 04/30/06 | 23:59 | FHWA |
| ✓ C260100.F1G | 04/01/06 | 00:00 | 04/30/06 | 23:59 | FHWA |
| ✓ W260100.F1G | 04/01/06 | 00:00 | 04/30/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 05-01-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|-------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.G1G | 05/01/06 | 00:00 | 05/31/06 | 23:59 | FHWA |
| W269029.G1G | 05/01/06 | 00:00 | 05/31/06 | 23:59 | FHWA |
| C260200.G1G | 05/01/06 | 00:00 | 05/31/06 | 23:59 | FHWA |
| W260200.G1G | 05/01/06 | 00:00 | 05/31/06 | 23:59 | FHWA |
| C260100.G1G | 05/01/06 | 00:00 | 05/31/06 | 23:59 | FHWA |
| W260100.G1G | 05/01/06 | 00:00 | 05/31/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 06-05-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|-------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.H1G | 06/01/06 | 00:00 | 06/30/06 | 23:59 | FHWA |
| W269029.H1G | 06/01/06 | 00:00 | 06/30/06 | 23:59 | FHWA |
| C260200.H1G | 06/01/06 | 00:00 | 06/30/06 | 23:59 | FHWA |
| W260200.H1G | 06/01/06 | 00:00 | 06/30/06 | 23:59 | FHWA |
| C260100.H1G | 06/01/06 | 00:00 | 06/30/06 | 23:59 | FHWA |
| W260100.H1G | 06/01/06 | 00:00 | 06/30/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 07-03-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|-------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.I1G | 07/01/06 | 00:00 | 07/31/06 | 23:59 | FHWA |
| W269029.I1G | 07/01/06 | 00:00 | 07/31/06 | 23:59 | FHWA |
| C260200.I1G | 07/01/06 | 00:00 | 07/31/06 | 23:59 | FHWA |
| W260200.I1G | 07/01/06 | 00:00 | 07/31/06 | 23:59 | FHWA |
| C260100.I1G | 07/01/06 | 00:00 | 07/31/06 | 23:59 | FHWA |
| W260100.I1G | 07/01/06 | 00:00 | 07/31/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 08-08-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|-------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.J1G | 08/01/06 | 00:00 | 08/31/06 | 23:59 | FHWA |
| W269029.J1G | 08/01/06 | 00:00 | 08/31/06 | 23:59 | FHWA |
| C260200.J1G | 08/01/06 | 00:00 | 08/31/06 | 23:59 | FHWA |
| W260200.J1G | 08/01/06 | 00:00 | 08/31/06 | 23:59 | FHWA |
| C260100.J1G | 08/01/06 | 00:00 | 08/31/06 | 23:59 | FHWA |
| W260100.J1G | 08/01/06 | 00:00 | 08/31/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716
DATE PREPARED 09-05-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|---------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.K1G ✓ | 09/01/06 | 00:00 | 09/30/06 | 23:59 | FHWA |
| W269029.K1G ✓ | 09/01/06 | 00:00 | 09/30/06 | 23:59 | FHWA |
| C260200.K1G ✓ | 09/01/06 | 00:00 | 09/30/06 | 23:59 | FHWA |
| W260200.K1G ✓ | 09/01/06 | 00:00 | 09/30/06 | 23:59 | FHWA |
| C260100.K1G ✓ | 09/01/06 | 00:00 | 09/30/06 | 23:59 | FHWA |
| W260100.K1G ✓ | 09/01/06 | 00:00 | 09/30/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716
DATE PREPARED 10-02-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|---------------|------------------------|---------------------|----------------------|-------------------|------------------|
| ✓ C269029.L1G | 10/01/06 | 00:00 | 10/31/06 | 23:59 | FHWA |
| W269029.L1G | 10/01/06 | 00:00 | 10/31/06 | 23:59 | FHWA |
| ✓ C260200.L1G | 10/01/06 | 00:00 | 10/31/06 | 23:59 | FHWA |
| W260200.L1G | 10/01/06 | 00:00 | 10/31/06 | 23:59 | FHWA |
| ✓ C260100.L1G | 10/01/06 | 00:00 | 10/31/06 | 23:59 | FHWA |
| W260100.L1G | 10/01/06 | 00:00 | 10/31/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 11-13-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|-------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.M1G | 11/01/06 | 00:00 | 11/30/06 | 23:59 | FHWA |
| W269029.M1G | 11/01/06 | 00:00 | 11/30/06 | 23:59 | FHWA |
| C260200.M1G | 11/01/06 | 00:00 | 11/30/06 | 23:59 | FHWA |
| W260200.M1G | 11/01/06 | 00:00 | 11/30/06 | 23:59 | FHWA |
| C260100.M1G | 11/01/06 | 00:00 | 11/30/06 | 23:59 | FHWA |
| W260100.M1G | 11/01/06 | 00:00 | 11/30/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 12-04-2006

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

| FILENAME | START DATE mm/dd/yy | START TIME hh:mm | END DATE mm/dd/yy | END TIME hh:mm | CLASS SCHEME. |
|--------------|------------------------|---------------------|----------------------|-------------------|------------------|
| C269029.N1G✓ | 12/01/06 | 00:00 | 12/31/06 | 23:59 | FHWA |
| W269029.N1G✓ | 12/01/06 | 00:00 | 12/31/06 | 23:59 | FHWA |
| C260200.N1G✓ | 12/01/06 | 00:00 | 12/31/06 | 23:59 | FHWA |
| W260200.N1G✓ | 12/01/06 | 00:00 | 12/31/06 | 23:59 | FHWA |
| C260100.N1G✓ | 12/01/06 | 00:00 | 12/31/06 | 23:59 | FHWA |
| W260100.N1G✓ | 12/01/06 | 00:00 | 12/31/06 | 23:59 | FHWA |
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NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716
DATE PREPARED 01-03-2007

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| SHEET 15 LTPP TRAFFIC DATA LOG OF CHANGE AT LTPP TEST LOCATIONS WITH PERM. AVC OR WIM | *STATE ASSIGNED ID | [315] |
| | *STATE CODE | [26] |
| | *SHRP SECTION ID | [0200] |

LOCATION Lambertville TYPE EQUIP. PAT. WIM
 MP# _____ MODEL # DAW 190

| DATE OF CHANGE | TIME OF CHANGE | DESCRIPTION OF CHANGE | PERSON MAKING CHANGE | PHONE # | NEW EQUIP. SERIAL # |
|----------------|----------------|-----------------------------------|----------------------|--------------|---------------------|
| 9-21-00 | AM | Software upgrade to Version 3.102 | James Kramer | 517 322 1716 | |
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revised November 11, 1999

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| SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY | *STATE ASSIGNED ID | [315] |
| | *STATE CODE | [26] |
| | *SHRP SECTION ID | [0200] |

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [03/28/2006]
2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☐ BOTH
3. * REASON FOR CALIBRATION
☐ REGULARLY SCHEDULED SITE VISIT ☒ RESEARCH
☐ EQUIPMENT REPLACEMENT ☒ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
☐ BARE ROUND PIEZO CERAMIC ☐ BARE FLAT PIEZO ☐ BENDING PLATES
☐ CHANNELIZED ROUND PIEZO ☐ LOAD CELLS ☒ QUARTZ PIEZO
☐ CHANNELIZED FLAT PIEZO ☒ INDUCTANCE LOOPS ☐ CAPACITANCE PADS
☐ OTHER (SPECIFY) _____
5. EQUIPMENT MANUFACTURER IRD/PAT

ENTERED APR 28 2006
DM

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
☒ TRAFFIC STREAM -- ☒ STATIC SCALE (Y/N) ☐ TEST TRUCKS
22 NUMBER OF TRUCKS COMPARED ☐ NUMBER OF TEST TRUCKS USED
☐ PASSES PER TRUCK

| | | | |
|--------------------------------------|---|-------|-------|
| TYPE PER FHWA 13 BIN SYSTEM | 1 | _____ | _____ |
| SUSPENSION: 1 - AIR; 2 - LEAF SPRING | 2 | _____ | _____ |
| 3 - OTHER (DESCRIBE) | 3 | _____ | _____ |
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN —
DYNAMIC AND STATIC GVW -1.90 STANDARD DEVIATION 5.190
DYNAMIC AND STATIC SINGLE AXLES 3.290 STANDARD DEVIATION 11.690
DYNAMIC AND STATIC DOUBLE AXLES 1.690 STANDARD DEVIATION 7.190
8. _____ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) speeds averaged about 61 MPH
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 1333
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☐ MANUAL ☐ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☐ NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
*** FHWA CLASS 9 _____ FHWA CLASS _____
*** FHWA CLASS 8 _____ FHWA CLASS _____
FHWA CLASS _____
FHWA CLASS _____
*** PERCENT "UNCLASSIFIED" VEHICLES: _____

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| PERSON LEADING CALIBRATION EFFORT: <u>James Kramer</u> |
| CONTACT INFORMATION: <u>517 323 1718</u> rev. November 9, 1999 |